# APPROVAL SHEET

## Mini ITX computer case

**MODEL NO.: SPM501B-300W-PFC-2U3**

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| **Article No. : SP-AP-CP-A194**<br>**Issue Date : July 23, 2014**<br>**Version : A/0** | **Audited by** |

| | |
|---|---|
| **Checked by** | **Drafted by** |


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# Approval Sheet Revisement Record

**Article No: SP-AP-CP-A194**

| Version | Revised Chapter | Description | Revised Date | Drafted by | Audited by | ECN No. |
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## 1 Features:

- Durable lightweight metal
- Stylish & sophisticated design
- Dust-proof design front USB & SOUND connections
- Full folded edge, full screen, radiation protected
- Black front panel
- Mini ITX motherboard compatible
- 300W SFX PSU

## 2 Accessories:

1) screw bag
2) manual
3) PSU cable

## 3 Specification

**Color:**
Font Panel: black
Side & top panel: black

**Material:**
Front panel : ABS
Structure: 0.5mm, SECC

**Font I/O connection:**
Audio & earphone x1
USB 3.0 x2

**Drive bays:**
3.5” bays: 1
2.5’’ bays: 2

**Bracket slots：**1

**Motherboard:**
Mini ITX 170mmx170mm

**PSU compatible:** SFX (included SFX-300W-PFC-PSU)

**Cooling:**
One 8cm fan space on the side
One 6cm fan space on the front
One 6cm fan space on the bottom

**Installation:**
screw

**Dimensions&Weight：**
Product：215*135*265 mm (L*W*H)
Packaging：302mm*182mm*263mm (L x W x H)

## 4.PSU:SFX-300W-PFC-PSU:

SFX-300W-PFC-PSU: 220V, 300W psu,80mm FAN,20+4pin,2SATA,4IDE,1FLOPPY,12V4pin, Matel case,1.5M Eu power cord.

| | |
|---|---|
| **Features** | Intel SFX12V 3.0 Specification Compliant Supports the newest Intel and AMD Micro-Processors I/O Short Circuit & Overload /OVP/OLP/ SCP Protection SATA Power Connector |
| **Dimensions** | 100mm(L)X125mm(W)X64mm(H) |
| **Version** | SFX 12V 3.0 |
| **Connectors** | 20+4pin 1PCS, 12V 4pin 1PCS,SATA 2PCS, IDE (Molex) 4pin 4PCS, Floppy 4pin 1PCS |
| **Cables** | 20+4pin 1PCS;12V4pin,1PCS;IDE+SATA 2pcs;IDE+IDE+FLOPPY 1pcs |
| **Case** | 0.6mm Matel case |
| **Rated Voltage** | 200~240 Vac |
| **Frequency** | 50~60 Hz |
| **Current** | 3A for 230VAC |
| **Hold-up Time** | 16 ms(min) |
| **Nom. Power** | 300W |
| **P.G. Signal** | 100~500ms |
| **Voltage Protection** | +12V trip point 13.4V - 15.6V<br>+5V trip point 5.74V - 7.0V<br>+3.3V trip point 3.76V - 4.3V |
| **Noise Level** | 21 dBA Max |
| **Cooling** | 1 x80mm fan |
| **MTBF** | 100,000 Hours |
| **Application** | Intel Pentium 4,Intel Celeron D,Intel Core 2,Intel Core 2 Duo,Intel Core 2 Extreme/AMD Athlon 64X2,AMD Athlon 64 FX,AMD Athlon 64,etc. |
| **Operating Temperature** | 0~40℃ |
| **Storage Temperature** | -20~60℃ |
| **Warranty** | 2 Years |

## 5 Pictures:

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## RoHS Declaration of Conformity

Spire hereby declares under our sole responsibility that the product:

Part number: **SPM501B-300W-PFC-2U3**

Description:

Durable Lightweight SECC Metal,Stylish & Sophisticated design,Dust Free design,Front USB and Audio Connections

With 300W SFX PSU unit,and with 1.5m EU safety power cord

Is tested and approved in compliance with the EUROPEAN COUNCIL ROHS DERECTIVE.

(Restriction of Hazardous Substances) which will restrict the use of certain substances in electrical and electronic products: including lead (Pb), mercury, cadmium, hexavalent chromium, and certain halide-containing flame retardants. The directive applies to all electrical and electronic products, their component parts that are placed on the market after July 1, 2006.

Spire Coolers Corp.
PM Engineering Dept.

Nanshan,Shenzhen